Values in brackets ( ) relate to the category number of the information sheet.

|  |  |  |
| --- | --- | --- |
| TDWG SPM | SPM Match to | DEWHA Species Information Sheet |
|  |  |  |
| Biology | Ambiguous, different to lifecycle? | Life Cycle (30), (31) |
| Description (size) | Good | Description (5) |
| Cytology | None | Nil |
| Physiology | None | Nil |
| Molecular Biology | None | Nil |
| Ecology | Ambiguous | Nil |
| Conservation | Ambiguous | Threat abatement and recovery (42) |
| Populations in reserves (25) |
| Distribution | Good | Distribution in Australia (6) |
|  | Extent of occurrence (7)   * Current extent of occurrence * Data to describe past trends in extent of occurrence * Data to predict future trends in extent of occurrence |
|  | Area of occupancy (8)   * Current area of occupancy * Data to describe past trends * Data to predict future trends |
|  | How many locations? (9) |
|  | Locations of captive/propagated populations (10)   * Locations of re-introduced populations * Location of proposed re-introductions |
|  | Fragmentation of distribution? (11) |
|  | Global distribution (13) |
|  | Global populations size, trends, threats and security of spp. outside Australia (14) |
| Ambiguous | Relationship between Aus and global (13)   * % of global popn in Aus * Overview of distinctiveness of Aus population * Global threats to Aus popn? |
| Use | None | No good fit |
| Evolution | None | No good fit |
| TaxonBiology | Good | Taxonomy (3) (4) |
| TrophicStrategy | Good | Food items or sources (32)   * Timing/seasonality |
| Feeding behaviours (33) |
| Cyclicity | Ambiguous | ??Extreme natural fluctuations in population numbers, area of occupancy or extent of occurrence? (20)   * Why? |
| Dispersal | Good | Relevant daily and seasonal pattern of movement (34) |
|  | Species Home Range/Territories (35) |
| Migration | Good | Relevant daily and seasonal pattern of movement (34) |
| LifeCycle | Good | Sexual maturity, life expectancy and natural mortality (30) |
| Reproduction | Good | Reproduction (31)  Plants:   * Flower and fruit set details * Conditions needed * Pollinating mechanism * Vegetative reproduction * How and under what conditions * Disturbance regime?   Animals:   * Overview of breeding system * Overview of breeding success * When does it breed * What conditions needed * Breeding behaviours that make it vulnerable |
| Growth | Ambiguous | ??Sexual maturity, life expectancy and natural mortality (30) |
| Life Expectancy | Good | Sexual maturity, life expectancy and natural mortality (30) |
| Genetics | Ambiguous | ??Is the spp distribution severely fragmented (11)?  ?? Crossbreeding in wild (23)   * How frequently * Where |
| Associations | Ambiguous | ??Is the spp part of, or does it rely on, other threatened spp or communities(29) |
| Diseases | Good | Threats (38) |
| Habitat | Good | Brief description (26) |
|  | Non-biological habitat (27)   * Aspect * Topography * Substrate * Climate   Biological habitat   * Forest type * Associated species * Sympatric species   Different Habitats for   * Breeding * Feeding * Roosting * Dispersing * Basking |
|  | Refuge habitat description (28) |
|  | Part of threatened community or associated with other threatened spp? (29) |
| Behaviour | Ambiguous | Brief description of spp (5) |
| PopulationBiology | Same as LifeCycle | Sexual maturity, life expectancy (30) |
|  | Reproduction (31) |
| General Description | Good | Brief description (5)   * appearance (size & weight) * sex&age variation * social structure and dispersion |
| Diagnostic Description | Good | Brief description of spp. (5) |
| LookAlikes | Ambiguous | Brief description of spp. (5) |
| Key | None | Brief description of spp. (5) |
| Morphology | Good | Brief description of spp. (5) |
| Management | Good | Mitigation approach (44)  Management Documentation (46) |
| Conservation Status | Ambiguous | Captured by definitions implicit in Legal Status |
| Legislation | Good | Legal Status   * Australian (1) * International (2) |
| Threats | Good | Past, current, future threats (38)  How and where  What effect so far  What future effect |
|  | Catastrophic threats (39) |
|  | Biological features that make it susceptible to threats (40) |
|  | Other survival information (41) |
| Trends | Good | Population trend for whole spp? (19)   * What data past decline in size of popn * What data to indicate future trends in popn |
| Procedures | Ambiguous | Nil |
| Nil | Nil | Surveys conducted to date (16) |
| Nil | Nil | Survey guidelines (36) |
| Nil | Nil | Details of detecting species (37)   * Season, time of day, weather * Survey effort required * Limitations and expert input * Recommended methods * Survey effort guide |
| Nil | Nil | Total population size of mature individuals (17)   * Measures of population size |
| Nil | Nil | Does it occur in smaller populations? (18)   * Location * Numbers and trends * Tenure of land * Subpopulations? |
| Nil | Nil | Population trend for whole spp? (19)   * What data past decline in size of popn * What data to indicate future trends in popn |
| Nil | Nil | Extreme natural fluctuations in population numbers, area of occupancy or extent of occurrence? (20)   * Why? |
| Nil | Nil | Generation length (21)   * How calculated |
| Nil | Nil | Important populations? (22)   * Key breeding populations * Near edge of spp range * Popn needed for genetic diversity |
| Nil | Nil | Major Studies (45) |
| Nil | Nil | References 48 |